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Mao Lin Huang

 December 2001 **APVis '01: Proceedings of the 2001 Asia-Pacific symposium on Info
 visualisation - Volume 9** , Volume 9

Publisher: Australian Computer Society, Inc.

 Full text available: (738.58 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)
Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 20, Citation Count: 1

Traditional graph drawing is only concerned with viewing of abstract data and relations items. It uses a graph model to present the data items and the relations and tries to ge convert the abstract graph into a 2D plane for visualization. ...

Keywords: attributed relational data, graph drawing, information visualization, web br graph

2 [Transformation of SBVR business design to UML models](#)

Amit Raj, T. V. Prabhakar, Stan Hendryx

 February 2008 **I SEC '08: Proceedings of the 1st conference on India software engineering**
Publisher: ACM

 Full text available: (663.62 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index te](#)
Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 142, Citation Count: 0

This paper presents a methodology for transforming business designs written in OMG's Semantics of Business Vocabulary and Rules (SBVR) framework, into a set of UML mod the transformation of business vocabulary and rules written ...

Keywords: SBVR, UML, business design, business rules, model driven architecture, prc representation

3 [From design to analysis models: a kernel language for performance and reliability component-based systems](#)

Vincenzo Grassi, Raffaella Miranda, Antonino Sabetta

 July 2005 **WOSP '05: Proceedings of the 5th international workshop on Software and pe**
Publisher: ACM

 Full text available: (428.48 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)
Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 75, Citation Count: 8

To facilitate the use of non-functional analysis results in the selection and assembly of c component-based systems, automatic prediction tools should be devised, to predict son quality attribute of the application without requiring ...

4 [An extensible framework for providing dynamic data structure visualizations in a liq](#)



T. Dean Hendrix, James H. Cross, II, Larry A. Barowski

March 2004 **SIGCSE '04**: Proceedings of the 35th SIGCSE technical symposium on Computer education**Publisher:** ACM

Full text available: Pdf (537.96 KB)

Additional Information: full citation, abstract, references, cited by**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 94, Citation Count: 10

A framework for producing dynamic data structure visualizations within the context of a is described. Multiple synchronized visualizations of a data structure can be created with coding through the use of an external viewer model. ...

Keywords: algorithm animation, data structures, program visualization

Also published in:

March 2004 **SIGCSE Bulletin** Volume 36 Issue 1

5

The ambient wood journals: replaying the experience

Mark J. Weal, Danus T. Michaelides, Mark K. Thompson, David C. DeRoure

August 2003 **HYPERTEXT '03**: Proceedings of the fourteenth ACM conference on Hypertext hypermedia**Publisher:** ACM

Full text available: Pdf (349.20 KB)

Additional Information: full citation, abstract, references, cited by**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 31, Citation Count: 9

The Ambient Wood project aims to facilitate a learning experience using an adaptive interface in an outdoor environment. This involves sensor technology, virtual world orchestration, and devices ranging from hand-held computers to ...

Keywords: adaptive infrastructure, consolidation, record and replay, storytelling

6

Proceedings of the 2009 ACM symposium on Applied Computing

Sung Y. Shin, Sascha Ossowski

March 2009 **SAC '09**: Proceedings of the 2009 ACM symposium on Applied Computing**Publisher:** ACM**Additional Information:** full citation, abstract**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

On behalf of the Organizing Committee, we welcome you to the 24th Annual ACM Symposium on Applied Computing (SAC 2009) hosted by Chaminade University in Hawaii. This international event is dedicated to computer scientists, engineers and practitioners ...

7

Proceedings of the 2008 ACM symposium on Applied computing

Roger L. Wainwright, Hisham M. Haddad

March 2008 **SAC '08**: Proceedings of the 2008 ACM symposium on Applied computing**Publisher:** ACM**Additional Information:** full citation, abstract**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

Welcome to the 23rd Annual ACM Symposium on Applied Computing (SAC 2008). This international event is dedicated to computer scientists, engineers, and practitioners seeking innovative solutions in various areas of computer applications. This year, the conference ...

8

Proceedings of the 27th international conference on Human factors in computing systems

Dan R. Olsen, Jr., Richard B. Arthur, Ken Hinckley, Meredith Ringel Morris, Scott Hudson,

April 2009 **CHI '09**: Proceedings of the 27th international conference on Human factors in computing systems

systems

Publisher: ACMAdditional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

Welcome to CHI 2009! CHI comprises many events, ranging from archival material stor digital library, to transient interactions such as the presentations, panels, and poster di many social interactions and activities that ...

9 [Proceeding of the 2nd international workshop on Ontologies and nformation syste semantic web](#)



Ramez Elmasri, Martin Doerr, Mathias Brochhausen, Hyoil Han

October 2008 **ONISW '08: Proceeding of the 2nd international workshop on Ontologies an systems for the semantic web****Publisher:** ACMAdditional Information: [full citation](#), [abstract](#)**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

The emergence of the World Wide Web made massive amounts of data available and de many scattered electronic data sources (e-sources) over the Web. Even though some o well-organized data sources, interoperability and integration ...

10 [Deploying and managing Web services: issues, solutions, and directions](#)

Qi Yu, Xumin Liu, Atman Bouguettaya, Brahim Medjahed

May 2008 **The VLDB Journal — The International Journal on Very Large Data Bas Issue 3****Publisher:** Springer-Verlag New York, Inc.

Full text available: Pdf (903.96 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)**Bibliometrics:** Downloads (6 Weeks): 254, Downloads (12 Months): 1812, Citation Count: 2

Web services are expected to be the key technology in enabling the next installment of form of the Service Web. In this paradigm shift, Web services would be treated as first-

Keywords: Interoperability, Service-oriented computing, Web service management sys

11 [Model-driven design and deployment of service-enabled web applications](#)



Ioana Manolescu, Marco Brambilla, Stefano Ceri, Sara Comai, Piero Fraternali

August 2005 **Transactions on Internet Technology (TOIT)**, Volume 5 Issue 3**Publisher:** ACM

Full text available: Pdf (3.07 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)
[review](#)**Bibliometrics:** Downloads (6 Weeks): 40, Downloads (12 Months): 387, Citation Count: 16

Significant effort is currently invested in application integration, enabling business proc different companies to interact and form complex multiparty processes. Web service sta on WSDL (Web Service Definition Language), have been ...



Keywords: UML, Web application, Web services, WebML, modeling

12 [Communications of the ACM: Volume 52 Issue 2](#)




February 2009 Communications of the ACM


Publisher: ACMFull text available: Digital Edition, Pdf (7.09 MB) Additional Information: [full citation](#)**Bibliometrics:** Downloads (6 Weeks): 815, Downloads (12 Months): 2726, Citation Count: 0

13 [Visualization of web spaces: state of the art and future directions](#) Ozgur Turetken, Ramesh ShardaJuly 2007 **SIGMIS Database** , Volume 38 Issue 3**Publisher:** ACMFull text available:  Pdf (1.39 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [index](#)**Bibliometrics:** Downloads (6 Weeks): 49, Downloads (12 Months): 444, Citation Count: 0

The World Wide Web is a dominant global communication medium and knowledge repository by a great number of people with a variety of computer skills hence its usability is critical. Many large information collections, the challenge ...

Keywords: human-computer interaction, information visualization, web usability**14** [Tools and approaches for developing data-intensive Web applications: a survey](#) Piero FraternaliSeptember 1999 **Computing Surveys (CSUR)** , Volume 31 Issue 3**Publisher:** ACMFull text available:  Pdf (524.80 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)**Bibliometrics:** Downloads (6 Weeks): 70, Downloads (12 Months): 628, Citation Count: 53

The exponential growth and capillar diffusion of the Web are nurturing a novel generation of applications, characterized by a direct business-to-customer relationship. The development of applications is a hybrid between traditional IS development ...

Keywords: HTML, Intranet, WWW, application, development**15** [Role-based access control on the web](#) Joon S. Park, Ravi Sandhu, Gail-Joon AhnFebruary 2001 **Transactions on Information and System Security (TISSEC)** , Volume 4**Publisher:** ACMFull text available:  Pdf (331.03 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [review](#)**Bibliometrics:** Downloads (6 Weeks): 50, Downloads (12 Months): 356, Citation Count: 27

Current approaches to access control on the Web servers do not scale to enterprise-wide because they are mostly based on individual user identities. Hence we were motivated to manage and enforce the strong and efficient RBAC access ...

Keywords: WWW security, cookies, digital certificates, role-based access control**16** [Process modeling in Web applications](#) Marco Brambilla, Stefano Ceri, Piero Fraternali, Ioana ManolescuOctober 2006 **Transactions on Software Engineering and Methodology (TOSEM)** , Volume 16**Publisher:** ACMFull text available:  Pdf (1.17 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [index](#)**Bibliometrics:** Downloads (6 Weeks): 156, Downloads (12 Months): 1209, Citation Count: 12



While Web applications evolve towards ubiquitous, enterprise-wide or multi-enterprise systems, they face new requirements, such as the capability of managing complex processes involving multiple users and organizations, by interconnecting software ...



Keywords: Web applications, Web engineering, conceptual modeling, workflows

- 17 [Model-driven design and development of semantic Web service applications](#)
 Marco Brambilla, Stefano Ceri, Federico Michele Facca, Irene Celino, Dario Cerizza, Emanuela
 November 2007 **Transactions on Internet Technology (TOIT)** . Volume 8 Issue 1
Publisher: ACM
 Full text available:  Pdf (2.17 MB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): 131, Downloads (12 Months): 1365, Citation Count: 1

This article proposes a model-driven methodology to design and develop semantic Web applications and their components, described according to the emerging WSMO standard we show that business processes and Web engineering models ...


Keywords: Semantic Web service, WSMO, WebML

- 18 [Design/Methods & Tools: Designing for the Web: a survey](#)
 Pawan R. Vora
 May 1998 **interactions** . Volume 5 Issue 3
Publisher: ACM
 Full text available:  Pdf (1.32 MB) **Additional Information:** [full citation](#), [references](#), [cited by](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 135, Citation Count: 6

- 19 [Model-driven development of Web applications: the AutoWeb system](#)
 Piero Fraternali, Paolo Paolini
 October 2000 **Transactions on Information Systems (TOIS)** . Volume 18 Issue 4
Publisher: ACM
 Full text available:  Pdf (6.94 MB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#)
Bibliometrics: Downloads (6 Weeks): 129, Downloads (12 Months): 520, Citation Count: 25

This paper describes a methodology for the development of WWW applications and a to specifically tailored for the methodology. The methodology and the development environment based upon models and techniques already used in the hypermedia, ...

Keywords: HTML, WWW, application, development, intranet, modeling

- 20 [An adaptive load balancing scheme for web servers](#)
 James Aweya, Michel Ouellette, Delfin Y. Montuno, Bernard Doray, Kent Felske
 January 2002 **International Journal of Network Management** . Volume 12 Issue 1
Publisher: John Wiley & Sons, Inc.
 Full text available:  Pdf (1.00 MB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 35, Citation Count: 6

This paper describes an overload control scheme for web servers which integrates admission and load balancing. The admission control mechanism adaptively determines the client acceptance rate to meet the web servers' performance requirements ...

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